

PROJECT OVERSIGHT REPORT

Revenue Collection System (RCS)
Department of Transportation (WSDOT)

Report as of Date:
April 2002

Project Director: Jim Long
MOSTD Staff: David M. Koch

Executive Sponsor: Mike Thorne

Description: The Washington State Ferries' (WSF) Revenue Collection System (RCS) Project will acquire and implement a fare collection and control system that includes all necessary infrastructure, hardware, software, documentation, training, and maintenance to support the migration from the current point of sales (POS) system. Originally this project was named the "Revenue Fare Collection" System. The current system was built on early 1990 business rules and uses highly proprietary hardware that is no longer vendor supported. For the fiscal year ending June 30, 2001 the system collected \$93.3 million. The scope of the new system includes the following:

- An integrated computer system supporting multiple methods of payment;
- Support of regional electronic fare collection;
- Consolidated financial and traffic reporting; and
- Improved vessel load statistics.

This project will be delivered in two parts. The first part is a Request for Proposal (RFP) to develop a system design and architecture with the primary deliverable being an RFP for a turnkey system.

Technology: The exact technology will be based on the results of the second RFP evaluation. The system will also make use of web technology and electronic payment. The technology will be able to interface with the Regional Fare Coordination project, WSDOT systems, and be consistent with the state's information technology direction.

Life Cycle Stage: WSF finished a feasibility study. A project investment plan has been approved by DIS. The project is currently in the project planning and initiation phase. The first RFP was released in early 2002, with the second RFP planned for release in August 2002.

Budget: The project is expected to cost \$5,028,000 for initial construction during the 2001-03 Biennium (funded), with a life cycle cost that adds an additional \$3,774,000 over the next two biennia (2003-05 and 2005-07) for a total life cycle cost of \$9,574,000. The majority of the original costs are project planning (\$1.2 million), hardware (\$1.5 million), design (\$600,000) and software (\$500,000). The majority of the follow-on costs are for support and fees.

The new system is expected to save \$717,000 per year.

Schedule:	Credit Card Acceptance system	Complete
	Release First (design) RFP	Complete
	Conduct Respondent Walkthroughs	Complete
	Score Respondent RFPs	March 2002
	Award first RFP	April 2002
	Release Second (build) RFP	August 2002
	Project Build Initiation	December 2002
	Design and Construction complete	August 2003 (could be delayed)
	Acceptance testing complete	February 2004 (could be delayed)
	Implement RCS	February 2004 (could be delayed)
	Deploy RCS completion	July 2004 (could be delayed)

Status: The project has started and is currently preparing to evaluate the results of the first RFP (system design).

Recommendations: This report is for information only. The cost of the project exceeded the delegated authority of the Secretary of Transportation and was therefore approved by the Director of DIS. Overall the project is Level 1, based on a Portfolio Management Severity/Risk analysis. Because of significant cost and visibility this report has been included to give the ISB an awareness of the project.